

FORM PTO 1449 (modified)

ATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
u	3,270,771	9/6/1966	Morgan et al.			
	3,779,274	12/18/1973	Kelly			
	3,941,149	3/2/1976	Mittleman			
	4,152,710	5/1/1979	Matsuba et al.			
	4,183,031	1/8/1980	Kyser et al.			
	4,514,742	4/30/1985	Suga et al.			
	4,520,369	5/28/1985	Shackleton			
	4,677,447	6/30/1987	Nielson			
	4,700,202	10/13/1987	Kuranishi et al.			
u	4,869,282	9/26/1989	Sittler et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
u	FR 1 145 605	10/28/1957	France			
	DE 1 152 583	9/19/1958	Germany			
	FR 1 268 227	6/1961	France			
	FR 2 391 405 A1	12/1978	France			
	JP 55-146766	11/15/1980	Japan			w/ Eng. Abst.
	JP 57-006777	1/13/1982	Japan			w/ Eng. Abst.
u	JP 57-197176 A	12/3/1982	Japan			w/ Eng. Abst.

OTHER DOCUMENT(S) (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 7

FORM PTO 1449 (modified)

ATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h	4,893,138	1/9/1990	Terasawa et al.			
	4,971,527	11/20/1990	Dick			
	5,039,997	8/13/1991	Pullen et al.			
	5,138,344	8/11/1992	Ujita			
	5,305,795	4/26/1994	Forberg			
	5,343,226	8/30/1994	Niedermeyeyr et al.			
	5,367,328	11/22/1994	Erickson			
	5,388,615	2/14/1995	Edlund et al.			
	5,426,459	6/20/1995	Kaplinsky			
	5,453,772	9/26/1995	Aono et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
h	JP 58-036457 A	3/3/1983	Japan			w/ Eng. Abst.
	DE 3 202 796 A1	8/4/1983	Germany			
	EP 0 112 701 A2	7/4/1984	EPO			Eng. Orig.
	EP 0 116 466 A2	8/22/1984	EPO			Eng. Orig.
	JP 59-176545	10/5/1984	Japan			
	GB 2 147 975	5/22/1985	Great Britain			Eng. Orig.
a	EP 0 238 829 A2	9/30/1987	EPO			Eng. Orig.

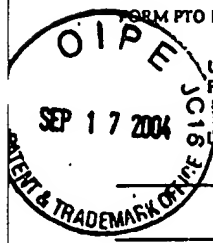
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 7



FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)ATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h	5,477,963	12/26/1995	Mochizuki et al.			
	5,539,437	7/23/1996	Penwell			
	5,500,663	3/19/1996	Ujita et al.			
	5,646,664	7/8/1997	Pawlowski, Jr.			
	5,653,251	8/5/1997	Handler			
	5,657,058	8/12/1997	Mochizuki et al.			
	5,691,753	11/25/1997	Hilton			
	5,736,992	4/7/1998	Pawlowski, Jr.			
	5,737,001	4/7/1998	Taylor			
h	5,751,319	5/12/1998	Robertson et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
h	EP 0 336 307 A2	10/11/1989	EPO			Eng. Orig.
	EP 0 339 770 A2	11/2/1989	EPO			Eng. Orig.
	JP 2-198862	8/7/1990	Japan			w/ Eng. Abst.
	EP 0 412 643 A1	2/13/1991	EPO			Eng. Orig.
	EP 0 424 133 A2	4/24/1991	EPO			Eng. Orig.
	JP 4-073158	3/9/1992	Japan			w/ Eng. Abst.
h	EP 0 509 686 A2	10/21/1992	EPO			Eng. Orig.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Muller 8132

DATE CONSIDERED

11/12/00

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 3 of 7

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
u	5,777,646	7/7/1998	Barinaga et al.			
	5,796,419	8/18/1998	Clark et al.			
	5,969,737	10/19/1999	Koyama et al.			
	6,000,788	12/14/1999	Iida			
	6,193,364	2/27/2001	Iida			12/13/99
	6,238,042	5/29/2001	Kobayashi et al.			9/15/95
	6,302,531	10/16/2001	Usui et al.			3/16/98
	6,332,481	12/25/2001	Shinada et al.			11/29/00
	6,390,611	5/21/2002	Kobayashi et al.			8/14/00
u	6,416,152	7/9/2002	Matsuzaki et al.			5/13/99

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
h	EP 0 529 880 B1	3/3/1993	EPO			Eng. Orig.
	JP 5-162324 A	6/29/1993	Japan			w/ Eng. Abst.
	JP 5-201018	8/10/1993	Japan			w/ Eng. Abst.
	JP 5-229137	9/7/1993	Japan			w/ Eng. Abst.
	EP 0 562 717 A1	9/29/1993	EPO			Eng. Orig.
	EP 0 631 874 A2	1/4/1995	EPO			Eng. Orig.
h	DE 195 45 775 A1	6/12/1997	Germany			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 4 of 4

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h	6,460,984	10/8/2002	Matsumoto et al.			4/28/99
	6,550,901	4/22/2003	Iida			12/27/00
	6,648,459	11/18/2003	Usui et al.			8/7/01
	6,666,551	12/23/2003	Kobayashi et al.			11/27/01
	2002/0089083	7/11/2002	Nishimuro et al.			3/18/02
	2002/0109760	8/15/2002	Miyazawa et al.			10/19/01
	2002/0135646	9/26/2002	Usui			6/22/01
	2002/0154200	10/24/2002	Miyazawa et al.			10/19/01
	2002/0158948	10/31/2002	Miyazawa et al.			4/3/02
h	2002/0171721	11/21/2002	Ota et al.			5/17/02

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
h	JP 11-058772	3/2/1999	Japan			w/ Eng. Abst.
	EP 0 903 236 A2	3/24/1999	EPO			Eng. Orig.
	EP 0 956 958 A2	11/17/1999	EPO			Eng. Orig.
	WO 00/03877 A1	1/27/2000	Japan			w/ Eng. Abst.
	EP 1 016 533 A1	7/5/2000	EPO			Eng. Orig.
	WO 01/78988 A1	10/25/2001	Japan			w/ Eng. Abst.
h	EP 1 199 178 A1	4/24/2002	EPO			Eng. Orig.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 5 of 7

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h	2002/0171722	11/21/2002	Hara et al.			5/17/02
	2002/0171723	11/21/2002	Ota et al.			5/17/02
	2002/0180849	12/5/2002	Sakai et al.			5/17/02
	2003/0007043	1/9/2003	Ota et al.			5/17/02
	2003/0058312	3/27/2003	Iida			10/17/02
	2003/0058313	3/27/2003	Iida			10/17/02
	2003/0085970	5/8/2003	Sakai et al.			11/8/02
	2003/0103119	6/5/2003	Sakai et al.			11/26/02
	2003/0107627	6/12/2003	Seino et al.			4/3/02
h	2003/0107629	6/12/2003	Kobayashi et al.			1/22/03

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
h	EP 1 258 358 A1	11/20/2002	EPO			Eng. Orig.
h	EP 1 270 235 A1	1/2/2003	EPO			Eng. Orig.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 6 of

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h	2003/0146959	8/7/2003	Iida			3/7/03
	2004/0051766	3/18/2004	Miyazawa et al.			2/14/03
	2004/0056936	3/25/2004	Usui et al.			9/25/03
	2004/0085415	5/6/2004	Kobayashi et al.			10/29/03
	10/778,766	2/13/2004	Miyazawa et al.			2/13/04
	10/819,756	4/6/2004	Miyazawa			4/6/04
h	10/826,918	4/16/2004	Miyazawa et al.			4/16/04

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form in next communication to applicant.

Sheet 7 of 7